Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	89	(NAGAOKA.in. or GABE.in. or SAKAMOTO.in.) and (exhaust near4 gas) and (engine) and (cataly$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:17
S2	39	(NAGAOKA.in. or GABE.in. or SAKAMOTO.in.) and (exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:18
S3	23	(NAGAOKA.in. or GABE.in. or SAKAMOTO.in.) and (exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:20
S4	2655	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near4 sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25. 12:20
S5	1644	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near4 sensor) and (upstream and downstream)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:21
S6	784	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near4 (concentrat$4 or amount or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/26 07:35

S7	601	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:22
S8	546	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:16
S9	282	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value)) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:18
S10	56	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value)) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:26
S11	123	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:23

S12	97	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value)) and (rich)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:45
S13	53	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value)) and (rich) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:31
S14	3	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value)) and ((upstream and downstream) near4 (differ$4)) and (rich) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:34
S15	3	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value)) and ((upstream and downstream) near4 (differ$4)) and (rich)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:32

S16	26	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near2 sensor) and (upstream and downstream) and ((differ$4 near4 oxygen) near4 (concentrat$4 or amount or value)) and ((upstream and downstream) with (differ$4)) and (rich) and (60/272-324. ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:35
S17	0	("6564544").URPN.	USPAT	OR	ON	2005/05/25 12:48
S18	12	("5509267" | "5579637" | "5602737" | "5609023" | "5678402" | "5839274" | "5842340" | "5848528" | "5901552" | "6289673" | "6301881" | "6336320").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 12:48
S19	244	S9 not S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 12:50
S20	6	("4467602" | "4484548" | "5388402" | "5758493" | "5974791" | "6014859").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:07
S21	39	("6237330").URPN.	USPAT	OR	ON	2005/05/25 13:07
S22	486	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 cataly$4) and (oxygen near2 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:17

S23	535	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 cataly$4) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:23
S24	253	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 cataly$4) and (oxygen near2 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value)) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:17
S25	37	S24 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:18
S26	319	S23 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:19
S27	247	S26 not S12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:19
S28	19	S27 and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:19

S29	272	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 cataly$4) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value)) and (60/272-324.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:23
S30	243	(exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 cataly$4) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value)) and (60/272-324.ccls.) and (compar$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:24
S31	100	(exhaust near4 gas) and (engine) and (cataly$4) and ((NOx or (nitrogen near4 oxid$4)) near2 cataly$4) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near2 (concentrat$4 or amount or value)) and (60/272-324.ccls.) and (compar$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/25 13:25
S32	10	("4251989" | "4445483" | "4729219" | "4739614" | "5097700" | "5168701" | "5177464" | "5191762" | "5228286" | "5386695").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:47
S33	0	("6828156").URPN.	USPAT	OR	ON	2005/05/25 13:47
S34	4	("5018348" | "5154055" | "5220788" | "5331808").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:47
S35	18	("5533332").URPN.	USPAT	OR	ON	2005/05/25 13:47
S36	6	("5293740" | "5335538" | "5487269" | "5503134" | "5755212" | "5842340").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:49

S37	12	("6481201").URPN.	USPAT	OR	ON	2005/05/25 13:49
S38	8	("5233829" | "5341642" | "5355672" | "5377484" | "5394691" | "5414994" | "5417058" | "5485382").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:50
S39	12	("4745741" | "4905469" | "4964271" | "5022225" | "5953910" | "6018945" | "6256983" | "6292739" | "6327852" | "6349540" | "6405527" | "6502391").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:50
S40	2	("6594988").URPN.	USPAT	OR	ON	2005/05/25 13:50
S41	8	("5579637" | "5740676" | "5845489" | "6003309" | "6253541" | "6256981" | "6321529" | "6330795").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:50
S42	6	("4467602" | "4484548" | "5388402" | "5758493" | "5974791" | "6014859").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:51
S43	39	("6237330").URPN.	USPAT	OR	ON	2005/05/25 13:51
S44	4	("5743084" | "5771685" | "6230487" | "6324834").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:52
S45	3	("6502388").URPN.	USPAT	OR	ON	2005/05/25 13:52
S46	3	("6502388").URPN.	USPAT	OR	ON	2005/05/25 13:53
S47	3	("5357754" | "5533332" | "5537817").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:53
S48	6	("5657627").URPN.	USPAT	OR	ON	2005/05/25 13:53
S49	6	("5448887" | "5657627" | "5713199" | "5715679" | "5735119" | "5740676").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/25 13:55
S50	0	("2004/0154285").URPN.	USPAT	OR	ON	2005/05/25 13:57

| S51 | 167 | ("4251989" \| "4445483" \| "4467602" \| "4484548" \| "4729219" \| "4739614" \| "4745741" \| "4905469" \| "4964271" \| "5018348" \| "5022225" \| "5097700" \| "5154055" \| "5168701" \| "5177464" \| "5191762" \| "5220788" \| "5228286" \| "5233829" \| "5293740" \| "5331808" \| "5335538" \| "5341642" \| "5355672" \| "5357754" \| "5377484" \| "5386695" \| "5388402" \| "5394691" \| "5414994" \| "5417058" \| "5448887" \| "5485382" \| "5487269" \| "5503134" \| "5533332" \| "5537817" \| "5579637" \| "5657627" \| "5713199" \| "5715679" \| "5735119" \| "5740676" \| "5743084" \| "5755212" \| "5758493" \| "5771685" \| "5842340" \| "5845489" \| "5953910" \| "5974791" \| "6003309" \| "6014859" \| "6018945" \| "6230487" \| "6253541" \| "6256981" \| "6256983" \| "6292739" \| "6321529" \| "6324834" \| "6327852" \| "6330795" \| "6349540" \| "6405527" \| "6502391").PN. OR ("2004/0154285" \| "5533332" \| "5657627" \| "5758491" \| "6116023" \| "6237330" \| "6463735" \| "6481201" \| "6502388" \| "6594988" \| "6828156"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/05/25 13:57 |
| S52 | 414 | (exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4)) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near4 (concentrat$4 or amount or value)) and (60/272-324.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 07:35 |

| S53 | 358 | (exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 (cataly$4 or adsorb$4 or absorb$4)) and (oxygen near4 sensor) and (upstream and downstream) and (differ$4 near4 (concentrat$4 or amount or value)) and (60/272-324.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 07:37 |
| S54 | 232 | (exhaust near4 gas) and (engine) and (cataly$4) and (NOx or (nitrogen near4 oxid$4) near2 (cataly$4 or adsorb$4 or absorb$4)) and (oxygen near4 sensor) and (upstream and downstream) and ((differ$4 and compar$4) near4 (concentrat$4 or amount or value)) and (60/272-324.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/05/26 07:37 |